

E YAMAMOTO AKINORI/AU 25

E1	2	YAMAMOTO AKINARI/AU
E2	2	YAMAMOTO AKINOBU/AU
E3	87 -->	YAMAMOTO AKINORI/AU
E4	961	YAMAMOTO AKIO/AU
E5	1474	YAMAMOTO AKIRA/AU
E6	2	YAMAMOTO AKIRO/AU
E7	2	YAMAMOTO AKISHI/AU
E8	18	YAMAMOTO AKISUKE/AU
E9	10	YAMAMOTO AKITAKA/AU
E10	4	YAMAMOTO AKITAKE/AU
E11	18	YAMAMOTO AKITO/AU
E12	19	YAMAMOTO AKITOSHI/AU
E13	151	YAMAMOTO AKITSUGU/AU
E14	2	YAMAMOTO AKITSUNE/AU
E15	1	YAMAMOTO AKITUGU/AU
E16	1	YAMAMOTO AKIYASU/AU
E17	12	YAMAMOTO AKIYO/AU
E18	20	YAMAMOTO AKIYOSHI/AU
E19	11	YAMAMOTO AKIYUKI/AU
E20	4	YAMAMOTO AKIZO/AU
E21	1	YAMAMOTO AKO/AU
E22	1	YAMAMOTO AKUI/AU
E23	1	YAMAMOTO AKYA/AU
E24	5	YAMAMOTO AKYOSHI/AU
E25	5	YAMAMOTO AKYUKI/AU

=> S (E3) AND (?OXETANE?)
87 "YAMAMOTO AKINORI"/AU
6472 ?OXETANE?
L1 2 ("YAMAMOTO AKINORI"/AU) AND (?OXETANE?)

=> DIS L1 1- IBIB HITIND
YOU HAVE REQUESTED DATA FROM 2 ANSWERS - CONTINUE? Y/(N):Y

L1 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2001:736865 CAPLUS
DOCUMENT NUMBER: 135:288682
TITLE: Preparation of 3-fluoroalkoxymethyl-3-
alkyloxetane from 3-
alkyloxetanemethanol and fluoroolefin
INVENTOR(S): Yamamoto, Akinori
PATENT ASSIGNEE(S): Daikin Industries, Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 4 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001278875	A2	20011010	JP 2000-96920	20000331
WO 2001074800	A1	20011011	WO 2001-JP1940	20010313
W: US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
EP 1270564	A1	20030102	EP 2001-912292	20010313
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR				
US 2003045733	A1	20030306	US 2002-221191	20020923
US 6673947	B2	20040106		

PRIORITY APPLN. INFO.: JP 2000-96920 A 20000331
 WO 2001-JP1940 W 20010313

OTHER SOURCE(S): CASREACT 135:288682; MARPAT 135:288682

IC ICM C07D305-06
 ICS B01J031-02; C07B061-00

CC 27-5 (Heterocyclic Compounds (One Hetero Atom))

ST **fluoroalkoxymethylalkyloxetane** prepn; **oxetanemethanol**
 etherification addn fluoroolefin

IT Alkenes, reactions
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (fluoro; preparation of 3-fluoroalkoxymethyl-3-**alkyloxetane** from
 3-**alkyloxetanemethanol** and fluoroolefin)

IT Addition reaction
 Addition reaction catalysts
 Etherification
 Etherification catalysts
 Phase transfer catalysts
 (preparation of 3-fluoroalkoxymethyl-3-**alkyloxetane** from 3-
alkyloxetanemethanol and fluoroolefin)

IT 1112-67-0, Tetrabutylammonium chloride
 RL: CAT (Catalyst use); USES (Uses)
 (preparation of 3-fluoroalkoxymethyl-3-**alkyloxetane** from 3-
alkyloxetanemethanol and fluoroolefin)

IT 364765-56-0P 364765-57-1P
 RL: IMF (Industrial manufacture); SPN (Synthetic preparation); PREP
 (Preparation)
 (preparation of 3-fluoroalkoxymethyl-3-**alkyloxetane** from 3-
alkyloxetanemethanol and fluoroolefin)

IT 116-15-4, Hexafluoropropene 357-26-6, Octafluoro-1-butene 3143-02-0,
 3-Methyl-3-**oxetanemethanol**
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (preparation of 3-fluoroalkoxymethyl-3-**alkyloxetane** from 3-
alkyloxetanemethanol and fluoroolefin)

L1 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2001:736864 CAPLUS

DOCUMENT NUMBER: 135:288681

TITLE: Preparation of 3-(fluoroalkoxymethyl)-3-
alkyloxetane from 3-allyloxymethyl-3-
alkyloxetane

INVENTOR(S): Masutani, Tetsuya; Yamamoto, Akinori

PATENT ASSIGNEE(S): Daikin Industries, Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 5 pp.
 CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001278874	A2	20011010	JP 2000-96923	20000331
WO 2001074799	A1	20011011	WO 2001-JP1939	20010313
W: US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
EP 1270563	A1	20030102	EP 2001-912291	20010313
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR				
US 2003065199	A1	20030403	US 2002-221193	20020923
US 6673948	B2	20040106		

PRIORITY APPLN. INFO.: JP 2000-96923 A 20000331

OTHER SOURCE(S):

CASREACT 135:288681; MARPAT 135:288681

IC ICM C07D305-06

ICS C07B061-00

CC 27-5 (Heterocyclic Compounds (One Hetero Atom))

ST **fluoroalkoxymethyloxetane** prepn; fluoroalkyl iodide radical addn
allyloxymethyloxetane

IT Addition reaction

(homolytic; preparation of 3-(fluoroalkoxymethyl)-3-**alkyloxetane**
by radical addition reaction of 3-allyloxymethyl-3-**alkyloxetane**
with fluoroalkyl iodide)

IT 365278-49-5P 365278-50-8P 365278-51-9P 365278-52-0P

RL: IMF (Industrial manufacture); RCT (Reactant); SPN (Synthetic
preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of 3-(fluoroalkoxymethyl)-3-**alkyloxetane** from
3-allyloxymethyl-3-**alkyloxetane**)

IT 365278-53-1P

RL: IMF (Industrial manufacture); SPN (Synthetic preparation); PREP
(Preparation)(preparation of 3-(fluoroalkoxymethyl)-3-**alkyloxetane** from
3-allyloxymethyl-3-**alkyloxetane**)IT 106-95-6, Allyl bromide, reactions 423-39-2, Nonafluorobutyl iodide
3143-02-0, 3-Methyl-3-**oxetanemethanol**

RL: RCT (Reactant); RACT (Reactant or reagent)

(preparation of 3-(fluoroalkoxymethyl)-3-**alkyloxetane** from
3-allyloxymethyl-3-**alkyloxetane**)IT 10196-40-4P, 3-Allyloxymethyl-3-**methyloxetane**RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)(preparation of 3-(fluoroalkoxymethyl)-3-**alkyloxetane** from
3-allyloxymethyl-3-**alkyloxetane**)